COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of	the following type:
[] div	ginal risional ntinuation ntinuation-in-part
	INVENTORSHIP IDENTIFICATION
and sole inventor (if	fice address and citizenship are as stated below next to my name. I believe I am the original, first only one name is listed below) or an original, first and joint inventor (if plural names are listed matter which is claimed and for which a patent is sought on the invention entitled:
	TITLE OF INVENTION
H,	RELIABILITY BARRIER INTEGRATION FOR CU APPLICATION"
	SPECIFICATION IDENTIFICATION
The specification of	which:
[] wa [] Exp	cd herewith; s filed on, under Serial No, executed on even date herewith; or press Mail No (Serial No. not yet known) d was amended on (if applicable) s described and claimed in PCT International Application No
file	and as amended under PCT Article 19 on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[X]	No such a	pplications have bee	n filed.		
	[]	Such appl	ications have been fi	iled as follows:		
А.			Capplication(s) filed is under 35 U.S.C. §		mos. for design)	prior to this application, and
	Coun	try/PCT	Application No	<u>Date</u>	<u>Filed</u>	Priority Claimed
						[] Yes [] No [] Yes [] No [] Yes [] No
В.		eign applica plication	ation(s), if any, filed	l more than 12 mo	s. (6 mos for desig	gn) prior to this
	Country Applica Filing d	tion No:				
			PRIOR	R CLAIM (35 U.S.C	C. §120)	
matter of by the fi is mate reasona which o	ional app of each of irst parag rial to th ble Exar	lication(s) d the claims raph of Title e examinat niner would	esignating the United of this application is a 35, United States C ion of this application of this application to the consider it importates.	d States of America not disclosed in that/ lode, Section 112, I a on (namely, informant in deciding when	that is/are listed be those prior applicated the extended the desired the to allow the a	ed States application(s) or PCT elow and, insofar as the subject ation(s) in the manner provided uty to disclose information that is substantial likelihood that a pplication to issue as a patent) PCT international filing date of
	[]		pplications have bee ication have been fil			
			211 D	Data d	Status	Abandoned
	Serial 1	<u> 10</u> . <u>I</u>	Filing Date	<u>Patented</u>	<u>Pending</u>	Abandoned
	(None)					

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard Registration No. 28,041 Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Michael B. Einschlag Registration No. 29,301 Leslie A. Weise Registration No. 36,305 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 B. Todd Patterson Registration No. 37,906 Jeffrey L. Streets Registration No. 37,453

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P. O. Box 450A

Santa Clara, CA 95052

Full name of colo or first inventors

B. Todd Patterson

Patterson & Streets, L.L.P. 3040 Post Oak Blvd., Suite 430

Houston, Texas 77056

(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

againor. 1 00gri CHEN
rle Clar (4)
Cupertino, California 95014
10390 Stern Avenue
U.S.A.
Country of Citizenship: U.S.A.
<i>A</i>
Jipfill Date: 4/21/97
San Jose, California 95131
1304 Fairway Entrance Drive
ento

ELICENI CHENI

Country of Citizenship: Taiwan

Full name of second inventor:

MOSHE EISENBERG

Inventor's signature:

Mole lizenben Haifa, 34789 32 Soroka Street, I stapl

Date: 5/5/47

Residence:

Post Office Address:

Country of Citizenship: Israel

POWER OF ATTORNEY

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Full name of sole or first inventor:	FUSEN CHEN
Inventor's signature:	Date:
Residence:	Cupertino, California 95014
Post Office Address:	10390 Stern Avenue
	U.S.A.
	Country of Citizenship: Taiwan
Full name of second inventor:	LIANG-YUH CHEN
Inventor's signature:	Date:
Residence:	San Jose, California 95131
Post Office Address:	1304 Fairway Entrance Drive

Country of Citizenship: Taiwan

PRIORITY CLAIM (35 U.S.C. §119)

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	[X]	No such a	pplications have be	en filed.		
	[]	Such appl	ications have been t	filed as follows:		
A.		_	Tapplication(s) file s under 35 U.S.C.		(6 mos. for design)	prior to this application, and
	<u>Coun</u>	try/PCT	Application No	<u>Da</u>	te Filed	Priority Claimed
						[] Yes [] No [] Yes [] No [] Yes [] No
В.		eign applica	ation(s), if any, file	d more than 12 n	nos. (6 mos for desig	gn) prior to this
	Country Applica Filing of	ation No:				
			PRIO	R CLAIM (35 U.S	S.C. §120)	
matter of by the fi is mater reasona which of	ional app of each of irst parag rial to th ble Exar	dication(s) d f the claims of graph of Title ne examination miner would	esignating the Unite of this application is 235, United States Coon of this application consider it import	d States of Americ not disclosed in the Code, Section 112, ion (namely, infor ant in deciding wh	ca that is/are listed be at/those prior applica I acknowledge the dumation where there thether to allow the a	ed States application(s) or PCT clow and, insofar as the subject ation(s) in the manner provided aty to disclose information that is substantial likelihood that a pplication to issue as a patent) PCT international filing date of
	[]		pplications have be ication have been fi			
	Serial N	<u> Vo</u> . <u>F</u>	iling Date	Patented	Status Pending	Abandoned
	(None)					

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor,	Ιŀ	hereb	y d	lec	lare	that	:
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This declaration	is of the following type:
[X] [] []	original divisional continuation
[]	continuation-in-part
	INVENTORSHIP IDENTIFICATION
and sole invento	ost office address and citizenship are as stated below next to my name. I believe I am the original, first r (if only one name is listed below) or an original, first and joint inventor (if plural names are listed bject matter which is claimed and for which a patent is sought on the invention entitled:
	TITLE OF INVENTION
	"RELIABILITY BARRIER INTEGRATION FOR CU APPLICATION"
	SPECIFICATION IDENTIFICATION
The specification	n of which:
[X] [] []	filed herewith; was filed on, under Serial No, executed on even date herewith; or Express Mail No (Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
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[]	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR \$1.98.

Full name of second inventor:	MOSHE EIZENBERG		
Inventor's signature:		Date:	
Residence:	Haifa, 34759		
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